Better Music for the Mandolin

NEW YORK MAY HAVE AN ORCHESTRA OF THAT INSTRUMENT SOON

the Piettin and the neglect of music centre.

Solution of the manifest toward the beauty of the manifest and the instruments allied to it.

For it is in Kalamazoo that a large percentage of the mandolina at present

The Pleatrum Club has expressed it- fair to step into the arena as a musical

the trail of this protest to in use are manufactured, and it is due is home it is discovered that a good deal to the continued inquiry of the leader of optimism is at the foundation of this the Plectrum Society that the bass manprotest, that the complaint has more dolin has at length been made there and than a fair share of reason in it and most put upon the market. This completes surprising of all that Kalamazoo bids the mandolin set of four with which



MODERN

MANDOLIN.

with him that the public associates the same family.

Mr. Abt anticipates that the orchestra used in sets. will have a membership of 150 and asserts

"That modern music is no longer written for instruments," he explains, "but that instruments are invented to interpret on schedule was because he was so busy working on the invention of a new instrument for the orchestra that he lost all thought of time or contracts. Just as soon as the making of instruments is absolutely taken out of the hands of mere 'workmen' and musicians turn their attention to this part of the profession there is no doubt that great progress in the science of sounds will be made. There is no instrument that offers greater inducements for improvement and for invention than the mandolin, and several musicians who commenced with the violin have deliberately changed to the mandolin because they see in it a great future. Already the new instruments put on the market show a wonderful delicacy and tone shading that the play-

Several members of this society agree | reacely recognize as belonging to the violin art by the high prices of the instru-

RUSSIAN

BALALAIKA.

which afford a wide range of tone, depth only one of the trio which was not dup it- could not be seen, the experts gathered

orchestra he hopes in time to break away. This in its perfected state has not been time. I know this is heretical, but I stand from this need and by the inventions of experimented with to any great extent by it.

others as well as his own substitute for but seems to offer great possibilities in the oboe, bassoon, flute, tympano, clariadding to the delicacy of tone. It is the of 'quarter tones' I believe that the net, French horn, &c., others which would smallest of the mandolins. All the wind plane has reached its point of perfection blend more perfectly and give required instruments now employed in the regular where it will stay until it is replaced by volume and depth to the four classes of orchestra can be used with these five some other instrument which will meet members of the mandolin clan, but their the requirements of the modern score, variations, particularly those using the just as the souata and the symphony have

verely criticised in the beginning and only when I shall have accomplished made progress slowly into public favor, on it all that is possible for me to accom-

Valentine Abt will make next season "the era on the crude acticles that formed a as did the varying makes of the piano, beginning of an orchestra" of thirty part of the school by's outfit and accom- According to my way of thinking at the members. ments, which gives a fictitious value to mandolin with light vandeville song and dance turns, college musical clubs and foreign serenaders, while it is in reality struments used in it, the Balalika, the capable of serious work of an orchestral douma or Russian mandolin was the principal instruments and a Stradivarius, each the orchestral Russian mandolin was the principal instruments and a Stradivarius, each the orchestra. It was practically a cross of the articles being taken turn and turn family. family, the violin, viola, 'cello and bass botween the guitar and the mandolin, about, and several selections were played viol, have parallels in the mandolin, mandolin, mandolin, mandolin, mandolin, something like our harp. This was the room, where the players and instruments cated, the other two, like the violin, being there were not able to distinguish between the two. I believe this shows the power "In addition to the four instruments of of imagination to a remarkable degree that while he will be at first dependent the mandolin family the new orches ra and that there is a great deal of 'bluff on the instruments used in the regular will use a 'piccolo-mandolin' sometimes, in connection with the 'seasoning' of

AND QUINTERNA.

THE MANDO-CFLLO. ITALIAN MANDOLIN

basic principles of the flute, will in time never been superseded in perfection be substituted for the originals. written scores has been shown by composers like Strauss. Puccini and others. The shad practically the same history. It is said that the reason Signor Mascagni did not complete his new opera of 'Ysobel' against opposition. The violin was serious form in the matter of composition.

"Every instrument," says Mr. Abt, In a letter written at the height of his fame Liszt's sentiments on this subject are prophetic. He said: 'It remains my firm resolution to renounce the planoforte



confident that there were no further its more serious qualities developments, no hidden resources to hire him on and on; that he had, in a word, for violins can be played by the modern accomplished upon the pianoforte all mandolin, for example Mendelssohn's

It is an instrument which seems to defy very well.
improvement either in the mechanical "A. J. Hipains, F. S. A., writing some construction or the compositions written time since for a scientific periodical,

plish in my day.' It is said that when it as an instrument adapted to the love Liszt closed his career as virtuoso he was music of the serenade and overlooked

that was possible even to his transcendent violin concerto and his Caprice. Dounis, genius. Certainly he has had no pupil a young Greek who plays the mandolin or successor that would make him change in drawing rooms and has considerable opinion. "The same may be true of the violin Newport, plays the Paganini concerto

for it. It plays the keynote of perfect spoke of the mandolin as one of the tender "But the mandolin has not kept pace passed away, having little relation to



THE LU TE AND OTHER INSTRUMENTS OF THE SERENADE.

Juan,' Verdi did not entirely overlook velop it at ali.
it in his 'Otello,' but generally speaking "A mandolin orchestra such as is conof the public of to-day they thought of for it."

with these other instruments and for no the stress of our modern life. He unapparent reason except that which is doubtedly had in mind only the old time included in the word fate. Possibly the instrument and its modern successor, time has not been ripe for it. Beethoven, which took only a change in ornamentait is true, wrote a serenade for it in 'Don tion into consideration and did not de-

its capabilities were ignored by the old templated could be used in the producmasters, whose attention had been di- tion of many of the classic operas, but verted in other directions, and like most undoubtedly future operas will be written

Ruf, the Finder

Mrs. Naugie, the old housekeeper at the Planes, opened the door barely enough to show her white face set with denial.

'You can't come in," she said. "The place is all closed up since my master, Mr. Joseph Barshall, died. I am only here as caretaker."

'But you take your orders from Lawyer John J Follett, the executor of the estate, ma'am, I suppose," returned the stolid looking middle aged man civilly but doggetly.

Share and share alike, with a trumpery life charge for me, who had slaved for him for forty years.

"But where is all the money we know he had when he shut himself up here like a hermit after his wife died?' they all began to ask one another.

"And echo would still be answering. Where?' if that Judge Marcellus who sent you down here, hadn't stood up and read a paper, which Mr. Barshall had sent the week before he died to the Judge's client, Miss Judith Barshall, daughter of his only brother Henry, whom he had always hated like poison itself.

"Well, sir, this paper went on to declare

"What do you mean?" asked Mrs. Naugie.

me to whatever is hid. Did you never hear tell of it? I've had it since I fell off a cliff when a lad and hurt my head. I don't know how I do it, but I do it sure."
Of all fool things! Well, since you've got to stop the first thing is something to

"No. ma'am. The first thing is for me an eye for his clatter." to get my hearings and to let them sizzle. poor Lawyer Follett was so unlucky as to pay. The longer he holds down his job

between what the one a game knee in consequence.

"What's that noise I hear upstairs Nance?" asked Lawyer Follett one night a

tartly. "He says it sizzles better by night than by day. I declare I haven't closed

Follett, a portly, florid man, with weak Show me where the phonograph record and selfish comeliness, laughed lazily.

Faskent by the old gentleman and where "All right," he agreed, "let him earn his

"You needn't look so sour, Nance. I just had to square myself with the Judge.
Granted that he is close to his dotage, my fall on the record was too infernally pertinent not to rouse the suspicion that possibly I knew where the boodle was hid and had taken that headlong course to prevent any one clse from ever knowing. It was a minispiration—wasn't it?—though I've got a game knee in consequence.

"You are Abe Cronkite, my personal man, in my confidential employ? You came here at my express directions?" premised the Judge.

"Yes, sir." answered the detective. "With what object?"
"To find the hidden fortune belonging to your client. Miss Judith Barshall, which we both rightly agreed had been the heart. Fix up some victuals. The fall on the record was too infernally pertiear and cool as the thrush's any one else from ever knowing. It was he pleased to do so." an inspiration - wasn't it? - though I've got

dolt, but Ruf remained as resort I said it was the only thing to do. a deaf mute. Mrs. Naugie and was thereupon indelibly inscribed Marcellus reached the Planes, but already on the first page of his good book, ha, ha! the yard was filled with countryside to him putter along, I say. There is nothing but law graft in his gift, and if there were anything to it he couldn't therefore she feared.

The Judge quietly took his seat at a side there were anything to it he couldn't therefore she feared.

The Judge quietly took his seat at a side there were anything to it he couldn't there were anything to it he couldn't therefore she feared.

The Judge quietly took his seat at a side there were anything to it he couldn't the yard was filled with countryside the country was employed that this statement is a fact?"

"You say 'rightly.' Do you mean that this this statement is a fact?"

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"You say 'rightly.' Do you mean that th dity of the man as she led on the first page of his good book, ha, ha!

Now we'll go down the "I'll take precious good care then that be won't find some of it at all events.

The brings me to the gist of my coming the housekeeper, as transfither seep flight and the bereto-night, suiside of the joy of feasting parent as a ghost. There was Esmeralda conversation?"

The brings me to the gist of my coming the housekeeper, as transfither that bere to-night, suiside of the joy of feasting parent as a ghost. There was Esmeralda conversation?"

We will go down the precious good care then that the process of the precious good care then that the process of the proc

in Mrs. Naugie virulently. "Yes, that's truly it was, that here in this obscure and I overheard the conversation, just as she what you are, a low, heartless brute of a peaceful spot, amid such humble surmay have overheard Mr. Barshall speak-

stolen for him, starved for him, only to develop. be a byword and a jest. Look at me and

besign midele aged man civily but dog geldy.

What, did he send you here?

What, bough it was the Judge who knew all about me and suggested first hat fenolid try it on. Just see what in a safe piloce that hiving just learned of them say.

He produced a letter and stood in a sor of similes a gathly a stood of the said of them say.

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man's quarters. If he had he might have heard, don't you see, as you heard." "He doesn't want to hear, he wants to find. And he's going to too, as sure as

week later as he lolled over his cigar and glass in the housekeeper's room at the Planes.

"It's that finding man, Ruf, you would here" answered Mrs. Naugie

airbox, he thrust in his head and shoulders—to draw them out again and stand foaming with disappointment and rage.

"It is not there, there is nothing there!" he roared. "I've been robbed by that fraud of a finder, but I'll have it out of him if I swing for it."

And up the rear stairs he bounded as briskly as when he had gone after the phonograph report. After him groped Mrs. Nazgie, still muttering and wringing her hands.

the second story front. "It's mortal queer. If there is the second story front. "an thing in it and he's as sure as sure. If of a partry there he is then he may find it where it is hid. I which soon drew all notice or thought the second story from him.

There were gaping country folk of a centamination, sat in a plant.

the Follow road the will. In the most negotiable of those securities changeless expression which at the funeral used for his electrical experiments. There is an eld fashiened speaking tube in it.

"You can't be worse, you beast!" broke in Mrs. Naugie virulently. "Yes, that's what you are, a low, heartless brute of a peaceful spot, amid such humble surbup with such a villain!

"I've worked for him, saved for him, saved for him, saved for him, starved for him, only to be a byword and a jest. Look at me and then look at yourself, and you know there isn't ten years between us. Sometimes into ten years between us. Sometimes in this obscure and peaceful spot, amid such humble surbup with such a villain!

"I've worked for him, saved for him, only to be a byword and a jest. Look at me and then look at yourself, and you know there isn't ten years between us. Sometimes in this obscure and peaceful spot, amid such humble surbup heast. Woe is me for having ever taken imperious, ruthless calm which it had taken 500 years of patrician power to develop.

And there, apart in a corner, Ruf the finder was sitting, heavy, somnolent, indifferent, though it seemed that even a different, though it seemed that even a cloud of a man might be stirred into alarm the world may know."

Then recollection revived the conversation, just as she may have overheard Mr. Barshall speaking the hiding place of the treasure into the film and thus have enabled Mr. Follett to take, steal and carry it away."

"Oh. I knew he would find me out!"

"Oh. I knew he would find me

then look at yourself, and you know there finder was sitting, heavy, somnolent, in- utter collapse, and again Esmeralda moved isn't ten years between us. Sometimes different, though it seemed that even a chair and skirts daintily away. I think I will scream out the truth so that clod of a man might be stirred into alarm. Then recollection revived the old

were. Oh, my poor heart! It would had gone upstairs for some books of activities the sound of a scream herself."

And back she sank as if now also afraid the time! "All laws, such as those about watering war material of all kinds, including every thing from horses and men to cannon and a fall she had rushed up after him to

He asked and readily obtained per-mission to intervene in the proceedings.

"I call Abe Cronkite," said the Judge quietly. And as the spectators craned this way and that at the unknown name Ruf the finder stepped from his corner to the stand.

stelen by John J. Follett, who thereafter in order to enjoy it safely himself deliberately fell upon and destroyed the It was early in the morning when Judge phonograph record which would tell of its

"You say 'rightly.' Do you that this statement is a fact?"

this way and that at the unknown name
Ruf the finder stepped from his corner
to the stand.
And then it was that the ghastliness
of Mrs. Naugie grew. She chitched
Esmeralda's hands so tranquilly folded.
She whispered fiercely into her little
bandeau bound ear. But not even the
bendeau bound ear. But not even the
fever of her intensity changed by a tint
the comely smoothness of the girl's face.
It remained as exquisitely set as a cameo.
Once more the Judge, as he took a comprising glance around before he began,
thought of the imperial marble which
had preserved its forceful beauty superior
to the corrosion of crime or time.

And one and all they thronged noisily
behind him, while loitering far after, like
a belated shadow, groped Mrs. Naugie,
muttering and wringing her hands.
It has pantry where Mr. Barshall had
into the pantry where Mr. Barshall had
worked. In front of the window stood
Abe Cronkite with a levelled revolver.
Opposite to him shrank Esmeralda Naugie as one obsessed and tormented might
shrink from a supernal power. Her placidity was gone. Over her distracted face
a sterm of violent passions was raging.
One hand clutched her bosom, the other
hand clutched a dagger, and both alike worked. In front of the window stood Abe Cronkite with a levelled revolver. Opposite to him shrank Esmeralda Naugie as one obsessed and tormented might shrink from a supernal power. Her placidity was gone. Over her distracted face a storm of violent passions was raging. One hand clutched her bosom, the other hand clutched a dagger, and both alike clutched convulsively.

hand clutched a dagger, and both alike clutched convulsively.

In a corner law e young man bound and gagged, his livid face adrip with perspiration. As a bailiff, et e sign from the Judge, removed the gag, his tremulous voice broke out loud and shrill.

"Keep her away from me!" he screamed.

"She tried to stick me as she stuck the old gay, but he store less inght. She did! She

that this statement is a fact?"

"Yes, I heard both Mr. Follett and Mrs. Naugie admit as much when they were conspiring together last night."

"It is a lie" screamed Mrs. Naugie: and then she seemed to shrivel gaspingly, as if from a consuming fear.

But Esmeralda, having moved her chair and lifted back her skirts as if from a contamination, sat in a placidity too complete even for scorn.

"Where and how did you overhear this conversation?"

"I was in the pantry off old Mr. Barishall's room, which the old gentleman used for his electrical experiments. There is an old fashiened speaking tube in it connecting with the housekeeper's room."

The hall, so they would have a log groeme up that the old gry came up the ramping around. But the old gry came up the ramping around. But the old gry came up the ramping around. But the old gry came up the ramping around. But the old gry came up the way a little short of coal and of food for a week or so. Peace the sample of food for a week or so. Peace the sample of food for a week or so. Peace the way in the lower and the knife. Oh, keep her away: keep her away:

Even while he proceeded Fsmeralda would have to move elsewhere.

"The Government would have a bill to pay later; but that is quite story. Your question was what tranquilly as cloistered nun at eventide, on the lowest sten Mrs. Naugie was and that is just what war means.

"Speaking of moving people of the worst of each of us." But though and the hill of course after she done it, but Ruf necked me on the fly and stuffed the way a little short of coal and of food for a week or so. Peace the sum stuffed me away here. Then she came with her gramping here away: keep her away:

Even while he proceeded Fsmeralda would have to move elsewhere.

"The Government would have to the done it, but Ruf necked me on the fly and stuffed the way a little short of coal and of food for a week or so. Peace to the way a little short of food for a week or so. Peace to the way a little short of the way a little short of food for a week or so.

the whole world may know."

"Including Esmeralda"

"Esmeraldy, the child I never dared own? She thinks that her father was my son, a scholar, a poet; that her mother was a lady. She is proud of her parentage and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they and bound to rise to be gentle as they had gone unstairs for some books of an an might be stirred into alarm the recollection revived the old housekeeper for the instant with indig-nation.

"Then recollection revived the old housekeeper for the instant with indig-nation."

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"Then recollection revived the old housekeeper for the instant with indig-nation."

"It's a lie! It's a li

"But that doesn't explain why you kept the door locked all the time?"

"I kept it locked, sir, because I had a prisoner within whom I did not want any one to see for a time. That time has now expired, sir"

The detective stopped short as he observed Esmeralda passing out of the room as tranquilly as a nun along a clois tered walk at eventide. He leaned nimbly from the stand. He whispered a word to the Judge. He darted out of the open window into the garden at the side of the house. Then the Judge rose.

"Come." he said impressively, "it is time that this dreadful tragedy be exposed before it can engender a tragedy even more dreadful. Come one and all to the front room upstairs."

And one and all they thronged noisily behind him, while loitering far after, like a belated shadow, ground Mrs. Years and the room upstairs."

Can move the coop men every hour of the day and night in almost any direction within the State. This means fully 250,000 men and shad in almost any direction within the State. This means fully 250,000 men and night in almost any direction within the State. This means fully 250,000 men and night in almost any direction within the State. This means fully 250,000 men and night in almost any direction within the State. This day in hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon increase it to theirty nules an hour. We might soon hour. W

one night shows where the American railroad stands if called upon to move troops under actual war conditions.

The recent movement to Texas or during the Spanish American war was under urgent military conditions. The roop trains were sandwiched between commercial trains passengers, freight express and mail trains running on regular schedules in all directions and this condition is much harder on the railroad man and the soldier than it would be to handle a hundred times more troops and military supplies under actual military necessity.

One railroad official when asked what could be accomplished if it became necessary to rush troops from all over the country to the Pacific coast said:

"I think we could put 10,000 men and dury four four facilities have insert the country to the Pacific coast said:
"I think we could put 10,000 men and dury scattered from Seattle to San Diego.
"To accomplish this the Government would use the Great Northern, the Northern Pacific, the Oregon Short Line, the one St. Paul line, the O. R. N., the Union Pacific, the Gould system, the Southern Pacific, the Scalt Lake route and their equipment to a train, thea targing beautiful to a train, thea targing to the train, because the horses and their equipment to a train, thea targing to detail the companies and their equipment to a train, thea targing the more from sead their equipment to a train, thea is too men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and their equipment to a train, theat is 100 men and

"She tried to stick me as she stuck the old guy on the stairs last night. She did! She did! She did! If Ruf hadn't jumped in through the window she'd have murdered me sere.

"Think of it: me, Ralph Nason, who was going to make an honest woman of her. I'll tell everything, I'm glad to tell, if you'll only keep her away. She stole the money her mother had hid in the airhox, I'll show where it is stowed in the cellar, safe and sound, all right, all right.

"We were going to close last night; but they kent chiuning so la'e we couldn't cop it. That's why I walked up and down the hall, so they would think it was Ruf ramping around. But the old guy came up not withstanding.

on the coast. That means 250,000 men c, day scattered from Seattle to San Diego.

"To accomplish this the Government would use the Greet Northern, the Northern Pacific, the Oregon Short Line, the Union Pacific, the Gould system, the Southern Pacific, the Salt Lake route and the Santa Fé, all as one system, sending least, empty, on another.

"It would mean the suspension of all mail trains and leaving some towns on the way a little short of coal and maybe

mail trains and leaving some towns on the way a little short of coal and maybe of food for a week or so. Peace condi-"The Government would have a pretty

bill to pay later; but that is quite another story. Your question was what the rail-

story. Your question was what the railroads could do in the way of moving an
army if they had to regardless of cost,
and that is just what war means."
"Speaking of moving people," said
another traffic official, "the New York
Central or the Pennsylvania could move
the entire population of Chicago, man,
woman and child, allowing a 100 pound
trunk for each one at that. Either road

demanded the Judge sharply.

"It was another person, sir, with whom I had an understanding for the time being mutually agreeable."

"Ah, hum," reflected the Judge. "Now and better, with more certainty and better, with more certainty and better and better, with more certainty and better to revert a little. The witnesses testified that you kept yourself locked in the front room formerly occupied by the late. Mr. Barshall. Did you do so, and why?"

"I was there part of the time, sir. Then I went down the lattice on the side wall and hurried to the village to telephone to you, as you know. Then I returned the same way."

"But that doesn't explain why you kept the door locked all the time?"

"I kept it locked, sir, because I had a locked."

Take the new York Central Lines as an example. By sidetracking all commercial business and using the railroad temporarily as an engine of war this road alone can move 10,000 men every hour of the day.

Take the New York Central Lines as an example. By sidetracking all commercial business and using the railroad temporarily as an engine of war this road alone can move 10,000 men every hour of the day and night in almost any direction within the State. This move follows an hour. We might some invested to the service; in fact, all civil laws viansh was nursing law could cut later by the interstet commerce Commercial to read the cours and courses, out that does not touch the railroad temporarily as an exist of the matheter it was in New York, Boston, Chicago, Vickson, gor S. it Lake City, it would not stop except to change enganes until it reached the Partile coast.

"On the description of the day of the matheter is the Missouri fiver, the average running time could exstly be twenty miles an hour. We might some into law of the matheter is matheter. We would get our Government or deed of the matheter is matheter. We would get our Government or deed to the cut later by the cours and cut later by the cours a

Pootbless Saws for Cutting Steel.

disks of mild steel for cutting hard steel of food for a week or so. Peace condi-tions and war conditions are vastly dif-ferent, and if these towns could not exist under war conditions, then the inhabitants in that. One of these disks will cut three rea heavy channel section of hard sicel. 12 by 6% inches, in 15 seconds.
It appears to act by local fusion. The

It appears to act by local fusion. The very high speed causes thousands of inches of surface to impinue in rapid succession on the metal undercut, so that its temperature at the point of contact becomes very high, although the disk, owing to its large surface area, remains relatively cool. All its frictional energy is concentrate on an extremely small area of contact. The wark is done so markly that the heat our no time to spread in the metal undercut, and the sides of the cut portion are only a little warmed.